ILLINOIS HIGHWAY INFORMATION SYSTEM
ROADWAY INFORMATION AND PROCEDURE MANUAL

ITEM NAME	**SHOULDER INSIDE TYPE 1**				ITEM NO. **22C**
					PAGE 1 of 2

ENTERED BY	STATE	NON-STATE	HPMS	MUNI	EFFECTIVE DATE
District Program Development	**YES**	**YES**	**YES**	**OPT**	

UPDATE REPORTS	UPDATE SCREENS		INQUIRY SCREENS
(14) Physical Characteristics	**(14) Phys Char - Surf & Shld**		**(64) Phys Char - Surf & Shld**

DESCRIPTION AND PURPOSE OF ITEM

This item indicates, for <u>divided highways only</u>, the shoulder type of:

1)   the inside (median) shoulder when identifying only the predominant type or

2)   optionally, when identifying composite shoulder types, the inside (median) shoulder type immediately adjacent to the driving surface. If Shoulder Inside Type 1 on one side of the median is different than the other side, use the lower numbered type code.

This information is used to determine highway cross sections for safety analysis and other special studies.

This item can be obtained from construction plans or, if plans are unavailable, field review. If in question, contact the district Bureau of Program Development.

CODE AND SCREEN ENTRY INSTRUCTIONS

A 1-digit numeric code.

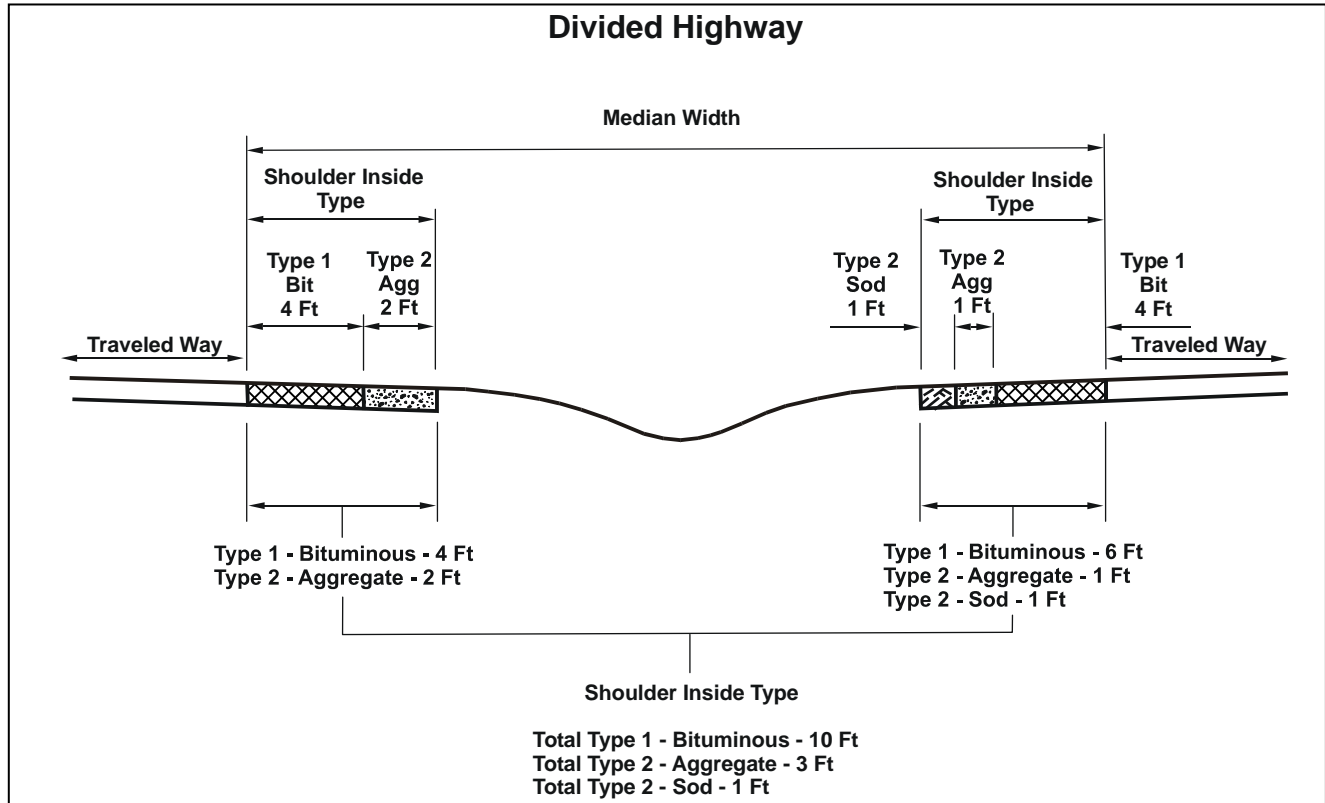| Code	Description
0	<u>Not applicable</u>
1	<u>Earth</u> - natural soil with neither turf nor 3 ft wide aggregate wedge on soil.
2	<u>Sod</u> - natural soil covered with turf, when the turf is not removed during regular maintenance operations.
3	<u>Aggregate</u> - gravel, shell, or granular material capable of supporting intermittent traffic loads under most weather condition.
4	<u>Surface treated</u> - treated with bituminous or other stabilizing admixtures.
5	<u>Bituminous</u> - a bituminous surface (Includes 1 ft wide shoulder strips).
6	<u>Concrete-untied</u> - a Portland cement concrete surface that is not tied to the mainline pavement.
7	<u>Concrete-tied</u> - a Portland cement concrete surface that is tied to the mainline pavement.
8	<u>"V" Gutter</u>
9	<u>Curb and Gutter</u>

ITEM NAME	**SHOULDER INSIDE TYPE 1**	ITEM NO. **22C**
		PAGE 2 of 2

Divided Highway

Median Width

Shoulder Inside Type

Type 1 Bit 4 Ft | Type 2 Agg 2 Ft

Type 2 Sod 1 Ft | Type 2 Agg 1 Ft | Type 1 Bit 4 Ft

Traveled Way

Traveled Way

Type 1 - Bituminous - 4 Ft
Type 2 - Aggregate - 2 Ft

Type 1 - Bituminous - 6 Ft
Type 2 - Aggregate - 1 Ft
Type 2 - Sod - 1 Ft

Shoulder Inside Type

Total Type 1 - Bituminous - 10 Ft
Total Type 2 - Aggregate - 3 Ft
Total Type 2 - Sod - 1 Ft

Method 1:

       Shoulder Inside Type 1 = 5   -   Predominantly Bituminous
   * Shoulder Inside Type 2 = 0   -   Not Applicable

Method 2:

       Shoulder Inside Type 1 = 5   -   Predominantly Bituminous
       Shoulder Inside Type 2 = 3   -   Predominantly Aggregate

*When using Method 1, Shoulder Inside Type 2 (Item 22D) must be 0.